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### (54) Bit-Depth Increase by bit replication

(57) A method for bit-depth increasing digital data represented by a first number of original bits which are sequentially ordered beginning with a start bit and ending with an end bit. To bit-depth increase the data, in an expanded presentation, the original bits are replicated in the sequential order starting with the start bit to form

replication bits. The original bits are appended with a second number of the replication bits to form the expanded presentation of the digital data. The appended replication bits start with the start bit and are in the sequential order of the original bits.

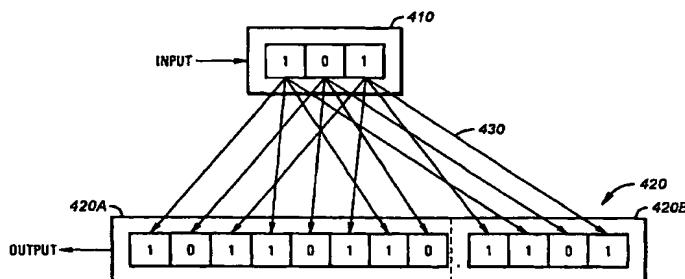


FIG. 4